

LabNotes: A Mobile App for Instrument Control and Data Collection

Completed Technology Project (2012 - 2013)



Project Introduction

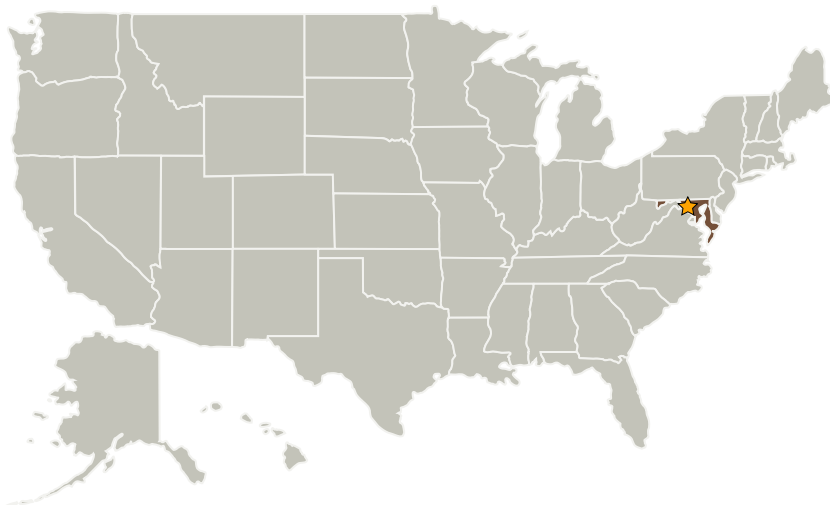
LabNotes is an iPad/iPod software application (app) and low-cost USB connector harness that can be used to operate and collect data from scientific instruments, providing a low-cost, compact, and easy-to-use alternative to traditional bulky and expensive instrument control apparatus.

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Anticipated Benefits

N/A

Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ Goddard Space Flight Center (GSFC)	Lead Organization	NASA Center	Greenbelt, Maryland

Primary U.S. Work Locations

Maryland



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Images



11836-1360185690428.jpg

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(<https://techport.nasa.gov/image/1617>)

Project Website:

<http://sciences.gsfc.nasa.gov/sed/>

Organizational Responsibility

Responsible Mission Directorate:

Mission Support Directorate
(MSD)

Lead Center / Facility:

Goddard Space Flight Center
(GSFC)

Responsible Program:

Center Independent Research &
Development: GSFC IRAD

Project Management

Program Manager:

Peter M Hughes

Project Manager:

Jacqueline J Le Moigne-stewart

Principal Investigator:

Carl F Hostetter

Co-Investigator:

Emily Wilson



Technology Maturity (TRL)

Start: **2**
Current: **4**
Estimated End: **4**



Technology Areas

Primary:

- TX12 Materials, Structures, Mechanical Systems, and Manufacturing
 - └ TX12.3 Mechanical Systems
 - └ TX12.3.8 Docking and Berthing Mechanisms and Fixtures